

UNINSTRUMENTING IN-LINE CODE  
INSTRUMENTATION ON-THE-FLY

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ABSTRACT OF THE DISCLOSURE

10 A method and system for reverting a process in an in-line  
instrumented state to an uninstrumented state. In one embodiment, the  
present invention modifies selected text segment portions from the process  
to be uninstrumented. The present embodiment then unmaps  
instrumented code space such that the instrumented code space is  
inaccessible to the process. In this embodiment, provided an instruction  
pointer resides in the instrumented code space, the present invention  
15 updates the instruction pointer to uninstrumented code space. The  
present embodiment also executes the process and, provided the process  
generates a fault by seeking to access an address in instrumented code  
space, provides a corresponding address in uninstrumented code space.  
In one embodiment, the present invention then continues execution at the  
20 address in instrumented code space.